

6438  
(Catalyst (VK) in Flowing Circulation Gas, by Schwab,  
19 pp.

No journal cited.

SLA Tr 2695

Sci - Chemistry, fuels  
Oct 57

54,476

An Examination of Autocatalytic Reactions on Surfaces  
of Separation, by G. Schwab, S. Reithmayer, 16 pp.

GERMAN, per, Z. Phys Chem Neue Folge, Vol VII, 1956,  
pp 342-359.

SLA 58-217  
AEC Tr 3078

Sci

Aug 59

93,609

56 -  
Information of Kjeldahl Reaction .XII, by  
G. M. Schwab, S. Carmonas.  
GERMAN, per, Monatshefte fuer Chemie, Vol 86,  
1955, pp 341-347.  
NRC 69-15408-07D

*G. M. Schwab*

Sci-Chem  
Dec 69

398,434

Inorganic Chromatography - Second Communication  
Acid Radical Separation, by Georg-Maria Schwab,  
Gretl Dettler. COPYRIGHT

GERMAN, per, Angewandte Chemie, Vol 50, No 33,  
1937, pp 691-692.

WABC

Georg-Maria Schwab

Sol. - Chemistry  
Jun 67 B + 711

Studies of Strength, Reducibility, and Softening  
Behaviour of Sinters, by G. Schwabe,  
H. Rellermeier.

GERMAN, per, Stahl und Eisen, Vol LXXXII,  
No 8, 1962, pp 449-457.

HB 5614

Sci - Chem

204,766

Jul. 62

TT-64-18156

Schwab, G. M. and Wandinger, L.  
ON REACTIONS OF CATALYTIC DECOMPOSITION OF  
PARTIALLY DEUTERATED ETHYL ALCOHOLS. 16p  
(6 figs omitted) 22refs.  
Order from SLA \$1.60

TT-64-18156

Trans. of Z[schrift für] Elektrochemie (West Germany)  
1956, v. 60 [no. 8] p. 929-938.

I. Schwab, G. M.  
II. Wandinger, L.

4435

(Nuclear Physics and Nuclear Chemistry, TT, v. 12,  
no. 7)

Office of Technical Services

Investigation of Intermolecular Interactions  
Through Hydrogen Bonds in Binary Mixtures,  
With Boiling Point Maxima (Vapor Pressure  
Minima) by Means of Raman Spectra, by G. -M.  
Schwab, G. Glatzer, 30 p.

GERMAN, per, Zeit fur Elektro,chem 1957,  
Vol LXXI, No 8, pp 1028-1048.

ATS-82L330

HTS-421-001

113, 618

Sci  
Apr 60  
Vol XII, No 2

The Decomposition of Alkyl Chlorides on Hot Tungsten Wires; A Case of Pseudo-heterogeneous Catalysis, by G. M. Schwab, D. M. Young, H. Noller, 28 pp.

GERMAN, per, Zeitschrift fur Physikalische Chemie, Vol XVIII, 1958, pp 118-200.

SIA 60-14015

Sci

133,087

OFS, Vol III, No 7

Box 60



L'Action Catalytique des Semi-Conducteurs  
Intrinseques, by G. M. Schwab, G. Greger, 13 p.

GERMAN to FRENCH, per, Zeit fur Phys Chem, 1958,  
Vol XV, pp363-371.

CEA-tr-A455

Sci  
Feb 60  
Vol 2, No 10

Oxidation of Carbon Monoxide Over Semiconductor  
Catalysts, by G.-M. Schwab, J. Block.

GERMAN, Far, Z Elektrochem, Vol LVIII, No 2,  
1954, pp 756-761.

ATS 193-GJ

Sci - Chem  
Nov 59

100,364

Schwab, G. M. and Kolb, E.  
VISCOSITY OF SULFURIC ACID, tr. by Bertha P.  
Klenova. 11 Mar 55, 13p. 11 refs. [No.] 3413.  
Order from OTS or SLA \$1.60 60-23424

Trans. of Z[schrift für] Phys[ikalische] Chem[ie],  
Frankfurt [West Germany] 1955, N[eu]e F[olge] v. 3,  
p. 52-64.

DESCRIPTORS: \*Sulfuric acid, Viscosity, Tempera-  
ture, Electrolytes.

Viscosity measurements of sulfuric acid have been  
made with an Ostwald viscosimeter in the concentration  
range 80 to 115%  $H_2SO_4$  and in the temperature range  
20° to 132° C. The values reported are accurate to  
±0.5 per cent. Dilute solutions of sodium hydrogen  
sulfate and acetic acid anhydride in sulfuric acid have  
also been investigated. An equation has been proposed  
for expressing the temperature-dependence of viscosity  
(Chemistry--Physical, TT. v. 8, no. 1) (over)

60-23424 1

I. Schwab, G. M.  
II. Kolb, E.  
III. TVA-3413  
IV. Tennessee Valley Authority,  
Wilson Dam, Ala.

5-22-62

Office of Technical Services

Doping and Surface Chemistry of Semiconductor  
Catalysts, by G. H. Schwab, E. C. Daddlhuber,  
H. Weill, 11pp  
GORDON, per, Zeitschrift für Physik Chem  
Frankfurt, Vol 37, 1963, No 1/2, pp 99-108  
CIA 17-64-16161

*G. H. Schwab*

Sci - Chem  
May 67

325,652

A Contribution to the Study of Silver (II) Oxide,  
by G. M. Schwab, G. Hartmann.

GERMAN, no per, Z Anorg Chem, Vol CCLXXXI, 1955,  
ppml83-186.

Sci - Chemistry  
Oct 57

DSIR/30146/CT

SHATN 57-892

53,894

RFE Farman 628

The Oxidation of Carbon Monoxide and the  
Decomposition of Nitrous Oxide on Definite  
Semiconducting Oxides, by G. M. Schwab,  
J. Block, 16 pp.

GERMAN, per, Z Physik Chem, No 1-2, 1954,  
pp 42-62.

Assoc Tech Serv

8013686

HTS 1462-15

Sci - Phys

May 59

Q28, V I, No 6

86, 291

Schwab, G. M. and Friess, H.  
EXPERIMENTS WITH ATOMIC CHLORINE. [1961]  
19p (figs & refs omitted).  
Order from SLA \$1.60

TT-61-16497

Trans. of Zeitschrift für Elektrochemie (Germany)  
1933, v. 39, no. 7b, p. 586-594.

DESCRIPTORS: \*Chlorine, \*Free radicals, Production,  
\*Gas discharges, Chemical reactions

(Chemistry--Inorganic, TT, v. 11, no. 3)

TT-61-16497

I. Schwab, G. M.  
II. Friess, H.

11-54806

Office of Technical Services

Notes on Surface Reactions, by G. M.  
Schwab, 15 pp.

RUSSIAN, per, Chimia, Switz, Vol IX,  
Oct 1955, pp 250-255.

SLA 57-336b  
ABC Tr 3068

Sci

Aug 58

72,205



(No Title Given), by Georg-Maria Schwab, Gretl  
Dettler.

GERMAN, per, Angewandte Chemie, Vol 51, 1938,  
pp 709-711.

\*AEC

Jun 67

(No Title Given), by Georg-Maria Schwab, Kurt  
Jockern.

GERMAN, per, Angewandte Chemie, Vol 50, No 28, 1937,  
pp 546-553.

\*AEC

Jun 67

TT-65-14468

Field 7D

Schwab, G. M.; Noller, H.  
ON THE CATALYTIC CLEAVAGE OF ETHYL CHLORIDE.  
Paper presented at the General Assembly of the German  
Bunsen Society for Physical Chemistry e. V. (no. 53) 28  
May 54. 17p (figs omitted) 10refs.  
Order from SLA: \$1.60 as TT-65-14468

Trans. of Zeitschrift fuer Elektrochemie (West Germany)  
v55 n9 p762-7 1954.  
Another trans. is available from K-II \$9.60 as K-II-12195a,  
16p.

I. Title: German ...

MH 6:9

Effect of Sealing-Resistant Materials by Various  
Monomers and Effect of Various Alloying Elements  
Thereon, by E. Fitzer, J. Schwab.

Full translation.

GERMAN, per, Berg- und Huttenmannische Monatshefte,  
Vol XLVIII, No 1, 1953, pp 1-7.

Butcher Trans No 3332

Scientific - Minerals/Metals

Sep 53 CTS

\$7.80 price

4842

Electrically Driven Sewing Machine, by  
Max Schwab, 3 pp.

GERMAN, patent no 814,093.

US Dept of Commerce  
Patent Office  
Sci Lib (Girt)

Sci - Engineering  
Mar 57 CTS/dex

45,172

TT-65-14507

Field 111

Schwab, O.  
INVESTIGATIONS OF VINYLIDENE CHLORIDE-  
ACRYLATE ESTER COPOLYMERS (Untersuchung  
ueber Vinylidenchlorid Acrylsaeureester-Mischpoly-  
merisate). 43p, 12refs.  
Order from SLA: \$4.60 as TT-65-14507

Trans. of Forschungsberichte des Landes Nordrhein  
Westfalen (West Germany) n973 pl-27 1961.

MR 689

Measuring the Fields of a Turbulent Flow Velocity in a  
Cyclone Chamber, by V. A. Schub, 12 pp.

RUSSIAN, per, Iskhomorgo-Fiz Zhur, No 2, 1963.

JPRS 19701

Sci

Jun 63

234,947

Sci/Physics

C

Relation Between Temperature and Velocity Fields of a  
Gaseous Torch, by V. A. Schwab, 19 pp. UNCLASSIFIED

RUSSIAN, no per, Zhur Tekh Fiz, Vol II, No 5, 1941.

AF ATI 45611

DBc cts 1710608



Hydrogen Chloride. Liquid Hydrogen Chloride,  
its Technical Use and Preparation, by E. Schwabe,  
S E-

GERMANY, par, Chem Fabrik, p 49, Jan 1939.

SIA 57-2462

Jul 58

69, 934

Theoretical Discussion of the Influence of  
Ferromagnetic Coercive Forces of Spheroidal  
Inclusions Which Are Small as Compared With the  
Thickness of the Bloch Walls, by E. Schwabe.

GERMAN, pcr, Annalen der Physik, Vol XI, No 2/3,  
1952, pp 99-112.

BISI 2139

Sci - Phys

168, #500

Sep 61

list 110

Modern Permanent Magnetic Coupling With Barium  
Ferrite Magnets, by Eberhard Schwabe, 31 p.

GERMAN, por, Feinwerktechnik, 1958, Vol LXII,  
No 1, pp 1-8.

SLA 59-17761

Sci  
Feb 60  
Vol 2, No 9

106,994

On the Artificial Development of an Increase of  
Resistance to Gamma Rays in E. Coli, by G.  
Schabinski, W. Ahlendorf, F. Schwabe, 3 pp.

GERMAN, per, Naturwiss, Vol XLVI, 1959, p 268.

NIH 9-37

Sci - Med  
Sep 59

97,414

The Raising of Blast-Furnace Output by Sizing the  
Sinter, by B. Gerstenberg, G. Schwabe.  
GHELMAN, per, Stahl und Eisen, Vol LXXXIV, 1964,  
pp 361-364.  
BISI 3717B

Sci - M/M  
Jul 64

262,984

Sinter Production and Properties, by G.  
Schwabe, H. Kellermeier.  
GERMAN, per, Stahl U Eisen, No 84, 1964,  
pp 49-327  
GB/41/3717 - Price 10 15s

G. Schwabe

Sci -  
Jul 67

334,546

Schube, Gerhard.

MEASUREMENT OF SMALL DIFFUSION DEPTHS IN SEMICONDUCTOR MATERIALS. [1963] 8p. (refa. omitted).

Order from SLA \$1.10

63-16546

Trans. of Zeitschrift für Angewandte Physik (West Germany) 1962 [v. 14] no. 5, p. 297-299.

DESCRIPTORS: \*Semiconductors, Materials, Diffusion, \*Crystals, Measurement, Solid State physics, Germanium.

The accuracy in the measurement of small diffusion depths in semiconductor materials can be appreciably heightened by a special grinding technique elaborated in detail. The method is simple and a few examples are given. Furthermore, it is shown that the necessary marking of the diffusion boundary can be applied also to  $n^+ - n$  junctions by means of a galvanic copper precipitate. (Author)

63-16546

I. Schube, G.

1062963

(Physics--Solid State, TT,  
v. 10, no. 5)

Office of Technical Services

(NY-6440)

The Price Structure of Industrial Products,  
by Kurt Ambros, Hans Schwabe, 13 pp.

GERMAN, per, Sozialistische Planwirtschaft, Vol. II  
No 3, 1961, pp 8-12.

JPRS 9794

ERur - Germany

Econ

Aug 61

162,348



*K. Schwabe*

Study on the Anion Adsorption on  
Nickel Surfaces as a Function of  
the Potential, by K. Schwabe.  
GERMAN, per, Electrochimica Acta,  
Vol 9, 1964, pp 1003-1013  
NTC 72-11918-07D

June 72

NCH-201 989

Field 7C

Schwabe, K.  
MEASUREMENT OF ACIDITY IN CONCENTRATED SALT  
SOLUTIONS AND ORGANIC SOLVENTS, 1965, 38p.  
POED-Trans-2010.  
Order from NLL

I. Post Office Research Station,  
London (England)

Trans. of Oesterreichische Chemiker-Zeitung  
(Austria) v65 n11 p559-57 1964.

A305086

<p>Schwabe, K. PROCESS FOR ACTIVATING CHEMICAL REACTIONS IN GALVANIC CELLS OR ACCUMULATORS. Sep 62, 800 words. Order from TTIS 57.00</p> <p>Trans. of East German patent 23, 172 [1962].</p> <p>DESCRIPTORS: *Radioactive waste, Chemical reactions, *Storage batteries, *Fuel cells.</p> <p>(Engineering--Chemical, TT, v. 9, no. 2)</p>	<p>62-34409</p> <p>I. Schwabe, K. II. Patent (East Germany) 23 172 III. TTIS NS-38 IV. Translation and Technical Information Services (Gt. Brit.)</p> <p>0201274</p> <p>Office of Technical Services</p>
---	--

The Passivity of Nickel, by K. Schwabe, G. Dietz,  
13 p.

GERMAN, per, Zeit Elektrochem, 1958, Vol LXII,  
No 6/7, pp 751-759.

ATS-23L330

Sci  
Mar 60  
Vol. 2, No 11

109,560

The Effect of Organic Solvents on the  
Wave Height and the Half-Wave Potential  
of Organic Depolarizers, by K. Schwabe,  
11 pp.  
GERMAN, per, Zeitschrift für Elektrochemie,  
Vol 61, No 4, 1957, pp 484-489.  
SLA TT-64-30700

*K. Schwabe*

336,220

Berl

Investigations on Ground Chromium Electrodes,  
by K. Schwabe, K. Muller.

GERMAN, per, Electrochimica Acta, Vol 8,  
1963, pp 193-206.

CEGB Digest

C.E. Trans 4701 *NLL Ref: 9022.09(4701)*

Sci-Elec

Dec 68

372,141

Determination of the Molecular Weight of  
Lignosulfonates by Dialysis, by K. Schwabe,  
L. Basner, 33 pp.

GERMAN, per, Cellulose Chem, Vol XX,  
No 3, 1942, pp 61-72.

OTS 60-16580

Sci

30 Mar 62

188,916

Recent Knowledge on the Passivity of Metals,  
by K. Schwabe.  
GERMANY, per, Werkstoffe und Korrosion, No 15,  
1964, pp 9-70  
GB/96

*K. Schwabe*

Sci -  
Jul 67

335,049



The Inhibitor Action in Electrode Processes,  
by E. Schramm.  
GERMAN, par. Zeitschrift für Elektrochemie,  
Vol 59, 1955, pp 663-666.  
NASA TT F-11,511

GOVERNMENT USE ONLY  
Sci/Chem  
Apr 68

351,430

Study on the Anion Adsorption on Nickel Surfaces  
as a Function of the Potential, by K. Schwabe &  
W. Schwenke.

GERMAN, per, Electrochimica Acta, Vol 9, 1964,  
pp 1003-1013.

LASA TT P-11,513

GOVERNMENT USE ONLY

Sci/Chem

Apr 68

351,431

Schwabe, K. and Abdelmoniem, S.  
SULPHITE COOKING WITH ALUMINUM BASE. [1960]  
[13]p. 2 refs.  
Order from SLA mi\$2.40, ph\$3.30 61-10631

Trans. of Zellstoff und Papier (Germany) 1960, v. 9,  
no. 8, p. 291-297.

The investigation of aluminum sulphite cooking liquors as pulping agent produced the following results. (1) The unbleached pulp is of good brightness and strength and easy to beat. Bleachability is good. Bleached pulps of high brightness, high alpha cellulose content and good strength are obtainable. Furthermore, pulps of unusual properties such as pulps with very high bulk can be obtained. (2) Cooking liquors of high combine level can be produced without risking base deposits, owing to better solubility of aluminum salt in comparison with lime. (3) The danger of "burnt" cooks is significantly less. (4) Aluminum sulphite can be easily subjected to thermal decomposition according (Materials--Paper, TT, v. 5, no. 9) (over)

61-10631

- I. Wood pulp--Production
- I. Schwabe, K.
- II. Abdelmoniem, S.

Office of Technical Services

61-10044

Schwabe, K. and Lagally.  
SIMPLE DEVICE FOR MAINTAINING CONSTANT  
PRESSURE IN GAS INSTALLATIONS. [1960] 2p.  
Order from SLA mi\$1.80, ph\$1.80 61-10044

Trans. of [Chemische Technik] (East Germany) 1938  
[v. 11, no. 11/12] p. 139-140.

- I. Gases--Pressure
- I. Schwabe, K.
- II. Lagally

Office of Technical Services

(Unannounced)

TT-64-14052

Schwabe, Kurt.  
PROCESS FOR THE THIOCYANOGENIZATION OF  
LIGNIN SULFONIC ACIDS (Verfahren zur Rhodani-  
erung von Ligninsulfonsäuren). [1963] [5p] (foreign  
text included)  
Order from UFS, SLA, or HTC \$1.10 TT-64-14052

Trans. of German patent 763,557, cl. 120, gr. 23 01,  
pat. from 4 Nov 41, grant pub. 4 Jan 43. (Abstract  
available)

DESCRIPTORS: \*Pesticides, Preparation, \*Lignin,  
\*Sulfonic acids, \*Cyanogens, Sulfur compounds,  
Halides.

The processes for the production of thiocyanogen com-  
pounds of lignin sulfonic acid are characterized by the  
fact that halides are gradually introduced into solutions  
of lignin sulfonic acid which have been treated with  
thiocyanogen salts. (Author)  
(Chemistry--Organic, TT, v. 11, no. 7)

1. Title: Thiocyanogen
- I. Schwabe, K.
- II. Patent (Germany) 763 557

1263464

Office of Technical Services

The Passivity of Chromium, II., by Erich Muller,  
Kurt Schwabe, 35 p.

GERMAN, per, Zeitschrift fur Elektrochemie, 1931,  
Vol XXVII, No 4, pp 185-197.

SLA 59-17626

Sci  
Jan 60  
Vol 2, No 8

105,584

NCH-201 989

Field 7C

Schwabe, K.  
MEASUREMENT OF ACIDITY IN CONCENTRATED SALT  
SOLUTIONS AND ORGANIC SOLVENTS. 1965, 28p.  
POED-Trans-2010.  
Order from NLL

Trans. of Oesterreichische Chemiker-Zeitung  
(Austria) v65 n11 p339-57 1964.

I. Post Office Research Station,  
London (England)

Calculation Tables for Report FD 623, by  
M. Schwabe

GERMAN, per, EE FD, No 623/2, 1937.

Nat'l Res Council Canada TT 71

Scientific - Mathematics  
Jul CTS/DEX Price 0.25

16,154



Statements Allegedly Made by Col Frank H. Schwable,  
1st Marine Aircraft Wing, on Bacteriological Warfare.

KOREAN, np, Hwanghae Ilbo, 21 Feb-20 Mar 1953.

MISG 207183

FE - Korea

Military - Bacteriological warfare

Enemy Doc Issue 116

4042  
~~3872~~

Statements Allegedly Made by CO2 from  
1st Marine Aircraft Wing on Bacteriological Warfare.

KOREAN, up, Nodung Sinman, 11 Jan-24 Feb 1953.

MISG 207192

FE - Korea

Military, - Bacteriological warfare

Enemy Doc Issue No 116

4043  
~~3873~~

Flock and Flocking Methods, by R. Schwaebel.  
GERMAN, per Z. ges. Textind., Vol. 46, No. 1, 1961  
pp 933-938  
CSIRO/No. 7824

*R. Schwaebel*

Sci -  
Aug 67

339-455

A New Method for Continuous Gas Analyses, by G. M. Schwag, O. Neuwirth, 12 pp.

GERMAN, per, Chem Ing Tech, Vol XXIX, No 5, pp 345-347, 1957.

SLA 3246

Sci - Chem  
Aug 58

70,489

Contributions to the Complex Chemistry of the  
Phosphines and Phosphine Oxides. IX. Heavy Metal  
Complexes of Tetracyclohexyl Diphosphine, by  
K. Isalsib, G. Schwager, 11 pp.

CHESMAN, per, Z. für Anorganische Chemie,  
Vol CCCXI, No 1/2, 1961, pp 83-91.

SLA 62-24542

Sci  
Feb 63  
Vol VIII, No 11

222,453

(NY-10)

Contributions to the Complex Chemistry of  
the Phosphines and Phosphine Oxides,  
IX. Heavy Metal Complexes of Tetracyclo-  
hexyl Diphosphine, by E. Isalsib,  
G. ~~Winkler~~ Schwager, 9 pp.

GERMAN, per, Z fuer Anorganische und  
Allgemeine Chemie, Vol CCCXI, No 1/2,  
Aug 1961, pp 83-91.

JPRS 12025

181.238

Sci - Chem

Schwalbold, J. and Kohler, M.  
THE APPLICATION OF A NEW METHOD FOR THE  
DETERMINATION OF THE K<sub>2</sub>O AND N-CONTENT OF  
FERTILIZERS. [1963] [14]p. 5 refs.  
Order from SLA \$1.60

63-16111

Trans. from Landwirtschaftliches Jahrbuch für Bayern  
(West Germany) 1953, v. 30, no. 1/2.

DESCRIPTORS: \*Fertilizers, \*Potassium compounds,  
\*Oxides, \*Nitrogen, Chemical analysis, Quantitative  
analysis.

The method for the determination of potassium and  
ammonium by means of sodium tetraphenylborate  
(Kalligostat) in .1 N acid solution in the cold was  
applied for the analysis of mixed fertilizers. The  
determination of potassium by this method is far  
superior to the perchloric acid method because it can  
(Chemistry--Analytical, TT, v. 10, no. 7) (over)

63-16111

I. Schwalbold, J.  
II. Kohler, M.

1247407

Office of Technical Services

Calculation of the Reduced Mass of a Plantograph,  
by E. Schwaiger.

GERMAN, per, Elektrische Bahnen, Vol XXII, 1951,  
pp 241-243.

AGLIB-G8153

Sci

Aug 59

95, 323



New Long-Life "Jumping" Tap Changer, by H.  
Schwaiger.

GERMAN, per, Ver Deut Ing Fachber, Vol XVIII,  
No 2, 1954, pp 29-33.

ASLIB-GB125

Sci

Aug 58

71,360

On the Radiation of Thorotrast Deposits in Living  
Tissues, by H. Maier-Leibnitz, K. Schneider, M.  
Schwinger.

GERMAN, per, Z. Naturf, Vol IV A, 1949, pp 15<sup>3</sup><sub>k</sub>-154

TPA3/ZIR TM, T 4222

11,001

Scientific-Biology

The Importance of the Limits of Deformation for  
Strength Calculations, by E. Schwaigerer.

GERMAN, per, Materialprüfung, Vol III, No 5,  
1961, pp 171-175.

ZTC 290

Sci - Engr  
Feb 63

222,496

60  
Formation of the Yield Point in Mild Steel as  
Affected by the Conditions of Testing, by  
S. SCHWARTZ.  
GILMAN, 194, Jan 1959.  
NBN 1436

Sci - Engr  
May 64

257,007

Investigations on the Sealing Capacity of  
Sealing Strips, by S. Schwalgerer, W. Seufert, 17 pp.

GERMAN, per, Brennstoff-Warme-Kraft, Vol III,  
1951, pp 144-148. 9090237

AEC Tr-4965

Sci - Rgr  
Apr 62

189, 936

The Strength of Tubes Under Internal Pressure at  
Very High Temperatures, by E. Siebel, S.  
Schwaigerer, 5 pp.

GERMAN, per, Brennstoff-Warme-Kraft, Vol III,  
No 5, 1951, pp 141-143.

SLA 60-18804

Sci

Apr 61

146,088

High Pressure Containers for the Chemical Industry,  
by H. Siebel, S. Schwaigerer

GERMAN, per, Die Technik, Vol I, No 3, Sep 1946,  
pp 114-117.

S.L.A. Tr Pool

Scientific - Chemistry

OTS/DEK

14,295

The Absorptivity of Platinum Metals for Hydrogen,  
by Erich Muller, Kurt Schwabe, 62 pp.

GERMAN, par, Z Elektrochem, Vol XXX XXIV, 1929,  
pp 165-184.

AEC UCRL-Trans-641(L)

Sci - Min/Met  
May 61

150,889



Vacuum Drying of Pine Wood, by C. G. Schwalbe, W.  
Ender, 6 pp.

GERMAN, per, Sperrholz, Vol VI, No 4, Jun 1932,  
pp 83-86.

SLA Tr 57-269

Sci - *Engineering*

*53,286*

Sep 57

The Hygroscopicity of Woods Dried in Various Ways,  
by Carl G. Schwalbe, Kurt Beradt, 14 p.

GERMAN, per, Kolloid-Zeitschrift, 1931, Vol LIV,  
No 3, pp 314-326.

SLA 59-20455

Sci  
Mar 60  
Vol 3, No 1

110,982

Arrangement for Converting the Oscillatory Motion of a Pendulum, a Balance Wheel or the Like into a Rotary Motion Effected With Constant Speed, by H. P. T. Schwalbe, 6 pp.

SWEDISH, patent no. 129,143

US Dept of Commerce  
Patent Office  
Sci Library (gift)

Sci-Engr

Jul 60

120,862

High-Temperature Precision Investment Castings,  
by R. Schwalbe.

GERMAN, per, Stahl und Eisen, Jan 1960, pp 36-45.

BISI 1692

Sci - Engr

Dec 60

134,086

EILENDER, W.  
SCHWALBE, R.

Archiv eisenhüttenwesen, vol. 13, 10 figures, 4,00  
words; 1939.

Influence of Sintering Time, Sintering Temperature,  
and Compacting Pressure upon Mechanical Properties  
of Sintered Iron.

Brutcher Trans, Order No. 804A, \$4.90.

2067

Long-Term Behavior of a Homogeneous Spherical  
Nature Uranium-Heavy Water Reactor With an  
Outer Control-Rod Zone, by D. Schnealm,  
39 pp.

GERMAN, par, Atomkernenergie, No 7/8, 1961,  
pp 273-285. 9673563

FTD-TT-61-170

Sci - Nuc/Phys  
2 Mar 62

186.222

Schwalbe, Rolf.  
PROPOSALS FOR TESTING METAL POWDERS.  
[1963] 23p. 10 refs.  
Order from SLA \$2.60

63-16835

Trans. of Stahl und Eisen (West Germany) 1952,  
v. 72, p. 898-904 [(Verein Deutscher Eisenhüttenleute)  
(West Germany). (Berichte)-14].

DESCRIPTORS: \*Powder metals, \*Metallography,  
Test methods, Quantitative analysis, Grains structure  
(Metallurgy), Mechanical properties.

A compilation is made of the methods that appear  
suitable to characterize the properties of metal  
powders. The following tests are described, in part  
based on those of the Metal Powder Association: (1)  
Tests of chemical composition: Determination of  
oxygen content, metallic constituents and insoluble  
(Metallurgy, TT, v. 10, no. 8) (over)

63-16835

I. Schwalbe, R.  
II. Verein ... Berichte-14

1247751

Office of Technical Services

Packaging of Natural Sponges, by Schwann, 5 pp. -----

SWISS, Patent No 183,570.

FTTH  
Patent Office

Sci-Engr

22 Jan 64

246,421

Siseases of Adult Bees - Nosema Disease, by Bertil  
Schwan.

and CIA from CIA, 6/11/59

UNKNOWN

USDA per  
NC State College

Jun 59



51

**Electrode Polarization and Its Effect on Determination  
of the Dielectric Characteristics of Liquids and of  
Biological Material, by H. Schwan.  
GERMAN, per. Z. Naturforschungs, Vol VII, No 3,  
1952, pp 125-129.  
CNRD No 6823**

**Sci - Phys  
Jun 64**

**261,373**

The Electrical Properties of Muscular Tissue at Low  
Frequencies, by H. Schwan, 10 pp.

GERMAN, per, Z Naturforschung, Vol IXb, 1954, pp  
245-251. CIA 703-510

NIH Tr 5-68

Sci - Med  
May 58

64,302

Nouvelle Methode Par la Doyernination Spectrochimique  
igues Quantitative des Constituants Majeurs des  
Roches et des Minéraux Silicates (Procédé du  
Comprime, Jet KIRK d'air de Stallwood), by  
H. Schwander, 35 pp.

GERMAN to FRENCH, per, Schwies Mineral Petrogr  
Mitt, Vol XL, No 2, 1960, pp 289-311. 9060235

CEA A-1175  
Reverse Translation

Sci  
Nov 62

The Mechanical Descaling of Hot-Rolled Strip  
With Metallics Shot by the Centrifugal Method,  
by H. Reimann, S. Schwandt. UNCL

OSWALD, per, Stahl u Eisen, 7 May 1953,  
pp 630-636.

British Iron and Steel Ind  
(no number given)

Sci - Min/Mat  
Sep 59

98,345

The Blood Circulation of Anodonta Collensis  
Schrot, by H. Schwanecke. 57

GERMAN, per, Zeitschrift für Wissenschaft-  
liche Zoologie, Vol 107, 1913, pp 42-70.

9252588

AEC UCRL-Tr-10023

*H. Schwanecke*

Scl/UGH

May 66

300,494

The Hardening of o-Cresol-Formaldehyde Resins,  
by K. Schwarzer.

HUNGARIAN, per, Magyar Kem Lapja, Vol XIII, 1958,  
pp 68, 69.

ATS HJ-1635

ATS 72.12.17

Sci - Chem

Jul 59

90,829

Development of the Physiological Bases for Early  
Diagnosis, by F. Schwartz.

GERMAN.

SLA per  
NC State College

Jun 59

Development of the Physiological Bases for Early  
Diagnosis, by F. Schwanitz.

GERMAN

SLA per  
NC State College

Jun 59



Schwank, Günther.

GAS HEATING AND RADIATION. [1962] 21p.  
(9 figs. omitted) 15 refs.

Order from SLA \$2.60

62-16762

Trans. of GWF; [das] Gas- und Wasserfach (West  
Germany) 1949, v. 90, no. 8 [p. 169-174].

DESCRIPTORS: Housing, \*Heating, \*Gas burners,  
Convection, \*Thermal radiation, Heaters,  
Physiology, Economics, Operation, Fuel  
consumption.

(Materials--Fuels, TT, v. 8, no. 6)

62-16762

I. Schwank, G.

C222873

Office of Technical Services

Schwank, Glinther.  
BUNSEN BURNER SECURED AGAINST FLASHBACK.  
[1962] 18p. (figs. omitted) 7 refs.  
Order from SLA \$1.60

62-16453

Trans. of GWF: [das Gas- und Wasserfach] (West Germany) 1948, v. 89, no. 12, p. 367-371.

DESCRIPTORS: \*Gas burners, Gases, Mixtures, Injection, Nozzles, Velocity, \*Laboratory equipment.

A tendency to flashback is produced not only in consequence of the flame-propagation velocity of the mixture, but primarily also by the type of movement and the heat equalization of the gas in the burner. Formulas serving to ascertain the dimensions of the burner have but a limited range of application. The goal of producing burners with a high air-volume in the mixture and a wide range of controllability and simultaneously secure against flashback, is in the (Engineering--Chemical, TT, v. 8, no. 9) (over)

62-16453

I. Schwank, G.

C225997

Office of Technical Services

Tanning with Water Soluble Synthetic Resins, by H.  
Schrank. UNCLASSIFIED

GERMAN, Das Leder, Vol 1, No 8, pp 177 - 180.

OOOTr  
OT-230

WE, Germany - Economic

Nov 1951 OTS

A-10609

ALBANIA'S CULTURAL PROBLEMS, BY ROBERT SCORANGE,  
9 PP.

OSMAN, PER, (COSTUME) CHISOME (COSTUME), NO 2,  
MAR 63, PP 137-141.

JPRB 19669

ECR-ALBANIA  
SEC  
JAN 63

238,521